

A6842

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Rad23B

Catalog No.: A6842

Basic Information

Observed MW

57kDa

Calculated MW

43kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB

Cross-Reactivity

Human,Mouse,Rat

Background

The protein encoded by this gene is one of two human homologs of *Saccharomyces cerevisiae* Rad23, a protein involved in the nucleotide excision repair (NER). This protein was found to be a component of the protein complex that specifically complements the NER defect of xeroderma pigmentosum group C (XP-c) cell extracts in vitro. This protein was also shown to interact with, and elevate the nucleotide excision activity of 3-methyladenine-DNA glycosylase (MPG), which suggested a role in DNA damage recognition in base excision repair. This protein contains an N-terminal ubiquitin-like domain, which was reported to interact with 26S proteasome, and thus this protein may be involved in the ubiquitin mediated proteolytic pathway in cells. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

Recommended Dilutions

WB 1:200 - 1:2000

Immunogen Information

Gene ID

5887

Swiss Prot

P54727

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

P58; HR23B; HHR23B

Contact

 www.abclonal.com

Product Information

Source

Mouse

Isotype

IgG

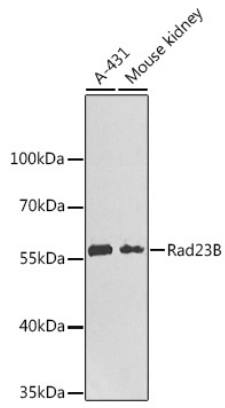
Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,pH7.3.

Validation Data



Western blot analysis of various lysates using Rad23B (A6842).

Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.